

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-17 (Cancelled)

Claim 18 (New) A hydraulic system comprising:

first and second drive units which interact with one another, the first drive unit comprising a hydraulically driven motor that is adapted to drive a varying load, the second drive unit being adapted to perform a working movement which, under the action of hydraulic flow, influences the loading of the motor;

a volume of hydraulic fluid in which a substantially constant pressure is maintained;

a main duct through which a flow of hydraulic fluid is directed from the volume to the motor and the second drive unit, the flow of hydraulic fluid through the main conduit being divided with a first portion of the hydraulic fluid being directed to the motor and a second, different portion of the hydraulic fluid being directed to the second drive unit; and

a flow control valve located downstream of the motor and adapted for both starting and stopping the motor and, during operation of the motor, controlling the flow of hydraulic fluid through the motor so as to provide substantially a constant flow through the motor irrespective of load variations on the motor, the flow control valve further coordinating the flow of hydraulic fluid to the second drive unit.

Claim 19 (New) The hydraulic system of claim 18 wherein the second drive unit comprises a hydraulic piston cylinder, hydraulic fluid actuating the hydraulic piston cylinder.

Claim 20 (New) The hydraulic system of claim 18 wherein the flow control valve has an inlet, an outlet, and at least one duct for directing the flow of hydraulic fluid to the second drive unit.

Claim 21 (New) The hydraulic system of claim 20 wherein the flow control valve includes a slide, the slide being movable for controlling the flow of hydraulic fluid to both the motor and the second drive unit.

Claim 22 (New) The hydraulic system of claim 21 wherein the slide moves in response to a control pressure.

Claim 23 (New) The hydraulic system of claim 19 wherein the hydraulic piston cylinder is of a double-acting type.

Claim 24 (New) The hydraulic system of claim 19 wherein the hydraulic piston cylinder is of a single-acting type.

Claim 25 (New) The hydraulic system of claim 19 wherein the first and second drive units drive a sawing unit with a saw chain adapted to run in a closed loop around a saw guide plate, which is movable in a feed movement, for lumbering, the motor is adapted to rotate the saw chain, and the piston cylinder is adapted to drive the feed movement of the saw guide plate.

Claim 26 (New) The hydraulic system of claim 18 wherein the flow control valve is mechanically linked to another valve and actuation of the flow control valve results in an associated actuation of the other valve, the other valve controlling the flow of hydraulic fluid to the second drive unit.

Claim 27 (New) The hydraulic system of claim 18 wherein the flow control valve has a movable slide adapted to control both the flow of hydraulic fluid to the motor and the flow of hydraulic fluid to the second drive unit.

Claim 28 (New) The hydraulic system of claim 18 wherein the second drive unit is connected to the main conduit upstream of the motor.